

WEST Search History

Hide Items Restore Clear Cancel

DATE: Friday, June 22, 2007

Hide?	<u>Set</u> Name	Query	<u>Hit</u> Count
	DB=I	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ	
	L28	L27 and ((closed or complete or full) same (path or route or geometry or geometriic\$4))	1
D	L27	L17 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or interlaced or interlaced or interlace or interlace or interlock or interlocking or interlocked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or inducted or inducting or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	6
Г	L26	L25 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlaced or interlace or interlace or interlock or interlocking or interlocked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or inducted or inducting or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	1
Γ		L24 and ((parallel) same (magnetic or field))	12
Γ	L24	L17 and ((closed or complete or full) same (path or route or geometry or geometriic\$4))	13
Γ.	L23	L22 and ((closed or complete or full) same (path or route or geometry or geometriic\$4))	1
<u>. </u>	L22	L21 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or interlaced or interlaced or interlace or interlace or interlace or interlock or interlocking or interlocked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or inducted or inducting or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	4
Γ.:	L21	L20 and (resonator or resonater or resonance or resonant)	19
	L20	L19 and (direct\$4 or orient\$3 or orientation)	19
	L19	L18 and ((electric or electrical or electrically) same (conduct\$3))	20
Г	L18	L17 and ((parallel) same (magnetic or field))	24
Γ	L17	L16 and ((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or inducted or inducting or capacitive or capacitively or capacitance))	40
Γ	L16	L15 and (dielectric\$4 or di-electric\$4 or substrate)	1985
<u> </u>	L15	((324/300-322.ccls.) or (600/407-435.ccls.))	18004
	L14	((20020190715) and (static or homogeneous or main) with (magnetic field))	1
Γ	L13	L12 and ((electric or electrical or electrically) same (conduct\$3))	14
П	L12	L11 and (electric\$4)	15
Γ.	L11	L10 and (conduct\$3)	15
П	L10	L9 and ((parallel) same (magnetic or field))	15
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Search F	Histor	y Transcript	Page 2 of 2
, &	L9	L8 and (planar or flat)	. 22
	L8	L7 and (resonator or resonater)	23
. · ·	L7	L6 and ((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or inductive or inductively or capacitively or capacitance))	96
	L6	L5 and (parallel)	1312
Π.	L5	L4 and ("HTS" or "htsc" or superconduct\$3 or super-conduct\$3 or (high with temperature))	1901
r.	L4	L3 and (finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locking or inter-lock)	4981
Γ	L3	L2 and (inductance or inductive or inductively or induce or inducted or inducting or capacitive or capacitively or capacitance)	^e 28934
	L2	L1 and (dielectric\$4 or di-electric\$4 or substrate)	81778
	L1	((magnetic adj resonan\$2) or MRI or NMR)	254465

END OF SEARCH HISTORY

First HitClear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 14 of 14 returned.

1. Document ID: US 20060038640 A1

L13: Entry 1 of 14

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060038640

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060038640 A1

TITLE: Ceramic loaded temperature compensating tunable cavity filter

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

D'Ostilio; James P.

Lynchburg

VA

US

US-CL-CURRENT: 333/223; 333/234

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K0MC	Drawe Desc	lmage

2. Document ID: US 20060017440 A1

L13: Entry 2 of 14

File: PGPB

Jan 26, 2006

PGPUB-DOCUMENT-NUMBER: 20060017440

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060017440 A1

TITLE: Resonator system

PUBLICATION-DATE: January 26, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Freytag; Nicolas

Binz

CH

US-CL-CURRENT: 324/318

Full Title Citation Front Review Classification Date Reference Sequence	ces Attachments Claims KMC Draw Desc Image
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☐ 3. Document ID: US 20050200359 A1

L13: Entry 3 of 14

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

http://jupiter:9000/bin/gate.exe?f=TOC&state=biv5e6.14&ref=13&dbname=PGPB,USPT,USOC,EPAB,JP...

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Withers, Richard S.

Sunnyvale

CA

US

US-CL-CURRENT: 324/318

Full Title Citation	Front Review	Classification	Date	Reference	Sequences	Attachments	Claims	ROMO	Drawe Desc	Image
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								.,		

4. Document ID: US 20040032262 A1

L13: Entry 4 of 14

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032262 A1

TITLE: Planar NMR coils with localized field-generating and capacitive elements

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Withers, Richard S.

Sunnyvale

CA

US

Nast, Robert E.

Saratoga

CA

US

US-CL-CURRENT: 324/318

Full	Title	Citation	Firent	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IOMC	Drawe Desc	Image
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5. Document ID: US 20030052682 A1

L13: Entry 5 of 14

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052682

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030052682 A1

TITLE: PLANAR NMR COILS WITH LOCALIZED FIELD-GENERATING AND CAPACITIVE ELEMENTS

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME

CITY .

STATE

COUNTRY

Withers, Richard

Sunnyvale

CA .

US-CL-CURRENT: 324/322; 324/248

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

Page 3 of 7

6. Document ID: US 20020190715 A1

L13: Entry 6 of 14

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020190715

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020190715 A1

TITLE: Superconducting resonators for NMR applications

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Marek, Daniel

Moeriken

CH

US-CL-CURRENT: 324/318; 324/309

								,					
Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	ROMC	Drawu Desc	Image
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7. Document ID: US 7224248 B2

L13: Entry 7 of 14

File: USPT

May 29, 2007

US-PAT-NO: 7224248

DOCUMENT-IDENTIFIER: US 7224248 B2

TITLE: Ceramic loaded temperature compensating tunable cavity filter

DATE-ISSUED: May 29, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060038640 A1

February 23, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

D'Ostilio; James P.

Lynchburg

VΑ

24501

US

US-CL-CURRENT: 333/223; 333/224, 333/226, 333/231, 333/234

Full Title Citation Front Review Classification Date Reference

8. Document ID: US 7193418 B2

L13: Entry 8 of 14

File: USPT

Mar 20, 2007

US-PAT-NO: 7193418

DOCUMENT-IDENTIFIER: US 7193418 B2

TITLE: Resonator system

DATE-ISSUED: March 20, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060017440 A1

January 26, 2006

STATE

INVENTOR-INFORMATION:

NAME

CITY

ZIP CODE

COUNTRY

Freytag; Nicolas

Binz

CH

US-CL-CURRENT: 324/318; 324/322

Full Title Citation Front Review Classification	Date Reference	Claims KWIC Drawl Desc Image

9. Document ID: US 6842004 B2

L13: Entry 9 of 14

File: USPT

Jan 11, 2005

US-PAT-NO: 6842004

DOCUMENT-IDENTIFIER: US 6842004 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: January 11, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Withers; Richard S.

Sunnyvale

CA

Nast; Robert E.

Saratoga

CA

US-CL-CURRENT: <u>324/318</u>; <u>324/322</u>

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KOMC.	Drawu Desc	Image
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☐ 10. Document ID: US 6727700 B2

L13: Entry 10 of 14

File: USPT

Apr 27, 2004

US-PAT-NO: 6727700

DOCUMENT-IDENTIFIER: US 6727700 B2

TITLE: Superconducting NMR resonators generating RF magnetic fields at the sample which are

substantially parallel to the plane of a resonator

DATE-ISSUED: April 27, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Marek; Daniel

Moeriken

.

CH

US-CL-CURRENT: 324/318; 324/322

Full Title Citation Front Review Classification Date Reference

Page 5 of 7

11. Document ID: US 6556013 B2

L13: Entry 11 of 14

File: USPT

Apr 29, 2003

US-PAT-NO: 6556013

DOCUMENT-IDENTIFIER: US 6556013 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Withers; Richard S.

Sunnyvale

CA

US-CL-CURRENT: 324/322; 324/318

Full Title Citation Front Review Classification Date Reference Claims KOMC Draw Desc Image

☐ 12. Document ID: US 6121776 A

L13: Entry 12 of 14

File: USPT

Sep 19, 2000

US-PAT-NO: 6121776

DOCUMENT-IDENTIFIER: US 6121776 A

TITLE: Superconducting hybrid-resonator for receiving NMR-signals

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Marek; Daniel

Moriken

CH

US-CL-CURRENT: 324/318; 324/309

Fully Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

13. Document ID: US 5276398 A

L13: Entry 13 of 14

File: USPT

Jan 4, 1994

US-PAT-NO: 5276398

DOCUMENT-IDENTIFIER: US 5276398 A

** See image for Certificate of Correction **

TITLE: Superconducting magnetic resonance probe coil

DATE-ISSUED: January 4, 1994

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Withers; Richard S.

Sunnyvale

·CA

CA

Liang; Guo-Chun

Cupertino

http://jupiter:9000/bin/gate.exe?f=TOC&state=biv5e6.14&ref=13&dbname=PGPB,USPT,USOC,EPAB,JP... 6/22/07

US-CL-CURRENT: 324/318; 324/322, 505/844

Full Title Citation Front Review Classification Date Reference

☐ 14. Document ID: US 5020411 A

L13: Entry 14 of 14

File: USPT

Jun 4, 1991

US-PAT-NO: 5020411

DOCUMENT-IDENTIFIER: US 5020411 A

TITLE: Mobile assault logistic kinetmatic engagement device

DATE-ISSUED: June 4, 1991

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Claims KMMC Draw Desc Image

Rowan; Larry

Culver

CA

90230

US-CL-CURRENT: 89/1.11; 376/319, 60/203.1, 89/8

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Display Format:

Change Format

First HitClear Generate Collection Print 4Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 19 of 19 returned.

1. Document ID: US 20070018647 A1

L21: Entry 1 of 19

File: PGPB

Jan 25, 2007 ·

PGPUB-DOCUMENT-NUMBER: 20070018647

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070018647 A1

TITLE: Nuclear magnetic resonance apparatus with a gradient shielding configuration having

reduced coupling to the <u>resonator</u> system

PUBLICATION-DATE: January 25, 2007

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Freytag; Nicolas

Binz

CH

US-CL-CURRENT: <u>324/318</u>

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2. Document ID: US 20060017440 A1

L21: Entry 2 of 19

File: PGPB

Jan 26, 2006

PGPUB-DOCUMENT-NUMBER: 20060017440

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060017440 A1

TITLE: Resonator system

PUBLICATION-DATE: January 26, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Freytag; Nicolas

Binz

CH

US-CL-CURRENT: <u>324/318</u>

				
Full Title Citation Front	Review Classification Date Reference	Sequences Attachments	Claims KMC	Draw Desc Image

☐ 3. Document ID: US 20050200359 A1

L21: Entry 3 of 19

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Withers, Richard S.

Sunnyvale

CA

US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review 0	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawu Desc 1	mage
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4. Document ID: US 20040032262 A1

L21: Entry 4 of 19

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032262 A1

TITLE: Planar NMR coils with localized field-generating and capacitive elements

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Withers, Richard S.

Sunnyvale

CA

US

Nast, Robert E.

Saratoga

CÁ

US

US-CL-CURRENT: <u>324/318</u>

Full Title Citation	Front Review. Classification Date	Reference Sequences	Attachments C	Taims KWC	Drawu Desc - Image
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5. Document ID: US 20030151409 A1

L21: Entry 5 of 19

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030151409

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030151409 A1

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the

conducting material

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Marek, Daniel

Moeriken

CH

US-CL-CURRENT: 324/318

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

6. Document ID: US 20030052682 A1

L21: Entry 6 of 19

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052682

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030052682 A1

TITLE: PLANAR NMR COILS WITH LOCALIZED FIELD-GENERATING AND CAPACITIVE ELEMENTS

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Withers, Richard

Sunnyvale

CA

IIS

US-CL-CURRENT: 324/322; 324/248

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

7. Document ID: US 20020190715 A1

L21: Entry 7 of 19

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020190715

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020190715 A1

TITLE: Superconducting resonators for NMR applications

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Marek, Daniel

Moeriken

CH

US-CL-CURRENT: 324/318; 324/309

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

8. Document ID: US 7193418 B2

L21: Entry 8 of 19

File: USPT

Mar 20, 2007

US-PAT-NO: 7193418

DOCUMENT-IDENTIFIER: US 7193418 B2

TITLE: Resonator system

DATE-ISSUED: March 20, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060017440 A1

January 26, 2006

INVENTOR-INFORMATION:

NAME

CITY

ZIP CODE

COUNTRY

Freytag; Nicolas

Binz

CH

US-CL-CURRENT: 324/318; 324/322

Full Title Citation Front Review Classification Date Reference Claims KWIC Draw Desc Image

STATE

9. Document ID: US 6842004 B2

L21: Entry 9 of 19

File: USPT

Jan 11, 2005

US-PAT-NO: 6842004

DOCUMENT-IDENTIFIER: US 6842004 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: January 11, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Withers; Richard S.

Sunnyvale

CA

Nast; Robert E.

Saratoga

CA

US-CL-CURRENT: 324/318; 324/322

Full Title Citation Front Review Classification Date Reference Company Claims KMC Draw Desc Image

10. Document ID: US 6781377 B2

L21: Entry 10 of 19

File: USPT

Aug 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the

conducting material

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Marek; Daniel

Moeriken

CH

US-CL-CURRENT: 324/318

Full Title Citation Front Review Classification Date Reference Military Control Claims KMC Draw Desc Image

Record List Display Page 5 of 8

11. Document ID: US 6727700 B2

L21: Entry 11 of 19 File: USPT Apr 27, 2004

US-PAT-NO: 6727700

DOCUMENT-IDENTIFIER: US 6727700 B2

TITLE: Superconducting NMR resonators generating RF magnetic fields at the sample which are

substantially <u>parallel</u> to the plane of a <u>resonator</u>

DATE-ISSUED: April 27, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Marek; Daniel Moeriken CH

US-CL-CURRENT: 324/318; 324/322



12. Document ID: US 6556013 B2

L21: Entry 12 of 19 File: USPT Apr 29, 2003

US-PAT-NO: 6556013

DOCUMENT-IDENTIFIER: US 6556013 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Withers; Richard S. Sunnyvale CA

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	5 *-	103 3	Claims	KMC	Drawe Desc	Image
	·												

13. Document ID: US 6201392 B1

L21: Entry 13 of 19 File: USPT Mar 13, 2001

US-PAT-NO: 6201392

DOCUMENT-IDENTIFIER: US 6201392 B1

** See image for Certificate of Correction **

TITLE: Coplanar RF probe coil arrangement for multifrequency excitation

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Anderson; Weston Palo Alto CA

Withers; Richard S.

Delin; Kevin A. Fuks; Luis Felipe Sunnyvale

CA

Arcadia Fremont

CA CA

Wong; Wai Ha

Cupertino

CA

US-CL-CURRENT: 324/300; 324/318

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

14. Document ID: US 6121776 A

L21: Entry 14 of 19

File: USPT

Sep 19, 2000

US-PAT-NO: 6121776

DOCUMENT-IDENTIFIER: US 6121776 A

TITLE: Superconducting hybrid-resonator for receiving NMR-signals

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Marek; Daniel

Moriken

CH

US-CL-CURRENT: 324/318; 324/309

Full Title Citation Front Review Classification Date Reference Claims 1000C Draw Desc Image

☐ 15. Document ID: US 5606259 A

L21: Entry 15 of 19

File: USPT

Feb 25, 1997

US-PAT-NO: 5606259

DOCUMENT-IDENTIFIER: US 5606259 A

TITLE: Adaptable antenna for a magnetic resonance apparatus including a wiper contact for

varying the size of the antenna without frequency change

DATE-ISSUED: February 25, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Potthast; Andreas

Forchheim

DE

Duerr: Wilhelm

Erlangen

DE

US-CL-CURRENT: 324/318

Full Title Citation Firont Review Classification Date Reference

☐ 16. Document ID: US 5280247 A

L21: Entry 16 of 19

File: USPT

Jan 18, 1994

US-PAT-NO: 5280247

DOCUMENT-IDENTIFIER: US 5280247 A

TITLE: Filamentary cold shield for superconducting magnets

DATE-ISSUED: January 18, 1994

INVENTOR-INFORMATION:

NAME

CITY

ZIP CODE STATE

COUNTRY

DeMeester; Gordon D.

Wickliffe

OH

Morich; Michael A.

Mentor

OH

Patrick; John L.

Chagrin Falls

OH

US-CL-CURRENT: 324/318; 335/216

Full: Title Citation Front	Review Classification Date	Reference Section 1	Claims KWC	Drawd Desc Image

☐ 17. Document ID: US 5276398 A

L21: Entry 17 of 19

File: USPT

Jan 4, 1994

US-PAT-NO: 5276398

DOCUMENT-IDENTIFIER: US 5276398 A

** See image for Certificate of Correction **

TITLE: Superconducting magnetic resonance probe coil

DATE-ISSUED: January 4, 1994

INVENTOR-INFORMATION:

NAME

CITY

STATE

CA

ZIP CODE

COUNTRY

Withers; Richard S.

Liang; Guo-Chun

Sunnyvale

Cupertino CA

US-CL-CURRENT: 324/318; 324/322, 505/844

Full Title Citation Fjront Review Classification Date Reference

☐ 18. Document ID: US 3474294 A

L21: Entry 18 of 19

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

TITLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

۰Ī	Full	Title	Citation	Front	Review	Classification	*Date	Reference		Claima	KOMIC	Drawu Desc	Image
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☐ 19. Document ID: US 3402346 A

L21: Entry 19 of 19

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic

spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

Term	Document
RESONATOR	10807
RESONATORS	3521
RESONATER	. 7
RESONATERS	2
RESONANCE	36035
RESONANCES	2137
RESONANT	16008
RESONANTS	12
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(L20 AND (RESONATOR OR RESONATER OR RESONANCE OR RESONANT)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

Display Format: Change Format

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Generate OACS Generate Collection First HitClear Print Fwd Refs. Bkwd Refs

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20050200359 A1

L22: Entry 1 of 4

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Withers, Richard S.

Sunnyvale

CA

US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawy Desc	Image

2. Document ID: US 6781377 B2

L22: Entry 2 of 4

File: USPT

Aug 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the

conducting material

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Marek; Daniel

Moeriken

CH

US-CL-CURRENT: 324/318

Full Title Citation F	ront Review Classification	Date Reference	Claims KMC Draw Desc Image
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3. Document ID: US 3474294 A

L22: Entry 3 of 4

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

FTITLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

Full Title Citation Front Review Classification Date Reference

4. Document ID: US 3402346 A

L22: Entry 4 of 4

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic

spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

Cerm	Documents
FINGER	494164
FINGERS	364620
IEST	58427
IESTS	19000
IESTING	45089
NESTINGS	227
IESTED	113450
NESTEDS	0
NESTABLE	6583
NESTABLES	1
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There are more results than shown above. Click here to view the entire set.

Change Format **Display Format:** -

Previous Page Next Page Go to Doc#

First HitClear Fwd Refs Bkwd Refs Generate OACS Generate Collection Print

Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 20050200359 A1

L23: Entry 1 of 1

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

CITY STATE COUNTRY NAME

Withers, Richard S. Sunnyvale CA US

US-CL-CURRENT: <u>324/318</u>

	Bkwd Refs Generate OA
Term	Document
CLOSED	278685
CLOSEDS	1
COMPLETE	225827
COMPLETES	22.762
FULL	183176
FULLS	. 21
PATH	226770
PATHS	61878
ROUTE	44453
ROUTES	19906
GEOMETRY	33244
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First HitClear Generate Collection Print Fwd Refs Bkwd Refs Generate @ACS1

Search Results - Record(s) 1 through 6 of 6 returned.

1. Document ID: US 20050200359 A1

L27: Entry 1 of 6

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Withers, Richard S.

Sunnyvale

CA

US

US-CL-CURRENT: 324/318

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						*** **** *****************************			**************************************				

☐ 2. Document ID: US 6781377 B2

L27: Entry 2 of 6

File: USPT

Aug. 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the

conducting material

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Marek; Daniel

Moeriken

CH

US-CL-CURRENT: <u>324/318</u>

Full Title Citation Front Review Classification Date Reference Company Claims KMMC Draws Desc Image					
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3. Document ID: US 3474294 A

L27: Entry 3 of 6

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

FITTLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

Full Title Citation Front Review Classification Date Reference Section 2015 Claims KMC Draw Desc Image

☐ 4. Document ID: US 3434043 A

L27: Entry 4 of 6

File: USOC

Mar 18, 1969

US-PAT-NO: 3434043

DOCUMENT-IDENTIFIER: US 3434043 A

TITLE: NUCLEAR MAGNETIC RESONANCE PROBE APPARATUS HAVING DOUBLE TUNED COIL SYSTEMS FOR

SPECTROMETERS EMPLOYING AN INTERNAL REFERENCE

DATE-ISSUED: March 18, 1969

INVENTOR-NAME: NELSON FORREST A

US-CL-CURRENT: 324/310; 324/322

Full Title Citation Front Review Classification Date Reference Company Claims KMIC Draw Desc Image

5. Document ID: US 3427532 A

L27: Entry 5 of 6

File: USOC

Feb 11, 1969

US-PAT-NO: 3427532

DOCUMENT-IDENTIFIER: US 3427532 A

TITLE: NUCLEAR MAGNETIC RESONANCE PROBE FOR SPECTROMETERS HAVING AN INTERNAL REFERENCE NUCLEI

DIFFERENT THAN THE NUCLEI UNDER OBSERVATION

DATE-ISSUED: February 11, 1969

INVENTOR-NAME: NELSON FORREST A

US-CL-CURRENT: 324/308; 324/310, 324/322

Full Title Citation Front Review Classification Date Reference

☐ 6. Document ID: US 3402346 A

L27: Entry 6 of 6

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic

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spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

erm	Documents
INGER	494164
INGERS	364620
EST	58427
ESTS .	19000
ESTING	45089
ESTINGS	227
ESTED	113450
ESTEDS	0
ESTABLE	6583
ESTABLES	1
NTERLACING	14766
L17 AND (((FINGER OR NEST OR NESTING OR NESTED OR ESTABLE OR INTERDIGITAT\$3 OR INTERLACING OR INTERLACE OR INTERLACED OR INTERLACED OR INTERLACED OR INTERLACED OR INTERLACED OR INTERLOCK OR INTERLOCKING OR INTERLOCKED OR INTERLOCKED OR INDUCTIVE OR INDUCTIVE OR INDUCTIVE OR INDUCTIVE OR INDUCTIVE OR INDUCTIVE OR CAPACITIVE OR CAPACITIVE OR CAPACITIVE OR ORIENT\$3 OR ORIENTATION) SAME (PARALLEL) SAME (MAGNETIC OR TIELD))).PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	6

Change Format Display Format: -

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First HitClear Bkwd Refs Generate OACS Generate Collection -Print: Fwd Refs

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20050200359 A1

L28: Entry 1 of 1

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Withers, Richard S.

Sunnyvale

CA

US-CL-CURRENT: <u>324/318</u>

	Documents
Term CLOSED	2786856
CLOSEDS	18
COMPLETE	2258270
COMPLETES	227627
FULL	1831760
FULLS	213
PATH	2267701
PATHS	618784
ROUTE	444531
ROUTES	199069
GEOMETRY	332443